

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

JAN 152016

REPLY TO THE ATTENTION OF:

#### <u>CERTIFIED MAIL 7009 1680 0000 7663 5967</u> <u>RETURN RECEIPT REQUESTED</u>

Mr. Brian Roper
Director of Environmental, Health and Safety
EMCO Chemical Distributors, Inc.
2100 Commonwealth Avenue
North Chicago, Illinois 60064

Re: Notice of Violation Compliance Evaluation Inspection ILD 005 070 495

Dear Mr. Roper:

On July 23, 2015 a representative of the U.S. Environmental Protection Agency inspected the EMCO Chemical Distributors, Inc. (EMCO) facility located in North Chicago, Illinois. As a "large quantity generator" of hazardous waste, EMCO is subject to the Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq. (RCRA). The purpose of the inspection was to evaluate EMCO's compliance with certain provisions of RCRA and its implementing regulations related to the generation, treatment and storage of hazardous waste. A copy of the inspection report is enclosed for your reference.

Based on information provided by EMCO, EPA's review of records pertaining to EMCO, and the inspector's observations, EPA has determined that EMCO has unlawfully stored hazardous waste without a permit or interim status as a result of EMCO's failure to comply with certain conditions for a permit exemption under III. Admin. Code tit. 35 § 722.134(a)-(c) [40 C.F.R. § 262.34(a)-(c)]. EPA has identified the permit exemption conditions with which EMCO was out of compliance at the time of the inspection in paragraphs 1 through 6, below.

Many of the conditions for a RCRA permit exemption are also independent requirements that apply to permitted and interim status hazardous waste management facilities that treat, store, or dispose of hazardous waste (TSD requirements). When a hazardous waste generator loses its permit exemption due to a failure to comply with an exemption condition incorporated from Ill. Admin. Code tit. 35 Part 725, the generator: (a) becomes an operator of a hazardous waste storage facility; and (b) simultaneously violates the corresponding TSD requirement. The exemption conditions identified in paragraphs 5 and 6 are also independent TSD requirements incorporated from Ill. Admin. Code tit. 35 Part 725. Accordingly, each failure of EMCO to

comply with these conditions is also a violation of the corresponding requirement in Ill. Admin. Code tit. 35 Part 725 [40 C.F.R. Part 265] (if the facility should have fully complied with the requirements for interim status), or Ill. Admin. Code tit. 35 Part 724 [40 C.F.R. Part 264] (if the facility should have been permitted).

# STORAGE OF HAZARDOUS WASTE WITHOUT A PERMIT OR INTERIM STATUS AND VIOLATIONS OF TSD REQUIREMENTS

#### 1. Over 90 Day Storage

Under III. Admin. Code tit. 35 § 722.134(b) [40 C.F.R. § 262.34(b)], a generator who accumulates hazardous waste for more than 90 days is an operator of a storage facility and is subject to the requirements of 40 CFR parts 264 and 265 and the permit requirements of 40 CFR part 270.

At the time of the inspection, EMCO was storing two totes in a storage area near the laboratory for over 90 days, having accumulation start dates of 1/6/2015 and 4/8/2015. *See*, page 3, paragraph 5, of the Inspection Report; and pages 5 and 6, photographs 9 through 12 of the Photograph Log.

In addition, EMCO was storing five 55-gallon containers of hazardous waste in the Waste Pad Storage Area for over 90 days, having accumulation start dates of 2/13/15, 10/28/14, 3/10/15, 8/21/14 and 3/10/15. See, page 4, paragraph 2, of the Inspection Report; and pages 11 through 14, photographs 22, 23, 27, 28 and 31, of the Photograph Log.

#### 2. Satellite Accumulation

Under Ill. Admin. Code tit. 35 § 722.134(c)(1) [40 C.F.R. § 262.34(c)(1)], a generator may accumulate as much as 55 gallons of hazardous waste or one quart of acutely hazardous waste in containers at or near any point of generation where wastes initially accumulate which is under the control of the operator of the process generating the waste without a permit or interim status. A generator who accumulates more than 55 gallons in containers must comply with the requirements of 35 §§ 722.134(a) and 725 Subpart I [40 C.F.R. §§ 262.34(a) and 265 Subpart I] with respect to the excess amount.

At the time of the inspection, EMCO was storing six 55-gallon containers of hazardous waste in one satellite accumulation area (SAA), and three 55-gallon containers of hazardous waste in another separate SAA. Both areas were located in the Production Fill Room. *See*, page 3, paragraph 4, of the Inspection Report; and pages 3 to 4, photographs 6 through 8 of the Photograph Log.

In addition, EMCO was storing 14 totes of hazardous waste in a storage area, located near the laboratory, in what EMCO considered to be an SAA. Seven totes of hazardous waste were being stored in a separate SAA, located near the laboratory. *See*, page 3, paragraphs 5 and 6, of the Inspection Report; and pages 5 to 7, photographs 9 through 12 and 13, 14, of the Photograph Log.

#### 3. Accumulation Date

Under Ill. Admin. Code tit. 35 § 722.134(a)(2) [40 C.F.R. § 262.34(a)(2)], the date upon which each period of accumulation begins is clearly marked and visible for inspection on each container.

At the time of the inspection, EMCO was storing seven totes of hazardous waste, located near the laboratory, without marked dates of accumulation. *See*, page 3, paragraph 6, of the Inspection Report; and page 7, photographs 13, 14, of the Photograph Log.

In addition, EMCO was storing seven 55-gallon containers of hazardous waste in the Waste Pad Storage Area, without marked dates of accumulation. *See*, page 4, paragraph 2 of the Inspection Report; and pages 9 to 13, photographs 18, 20, 21, 24, 25 and 26, of the Photograph Log.

EMCO was also storing three totes of hazardous waste in the Waste Pad Storage Area, without marked dates of accumulation. *See*, page 4, paragraph 4 of the Inspection Report; and pages 18 and 19, photographs 36, 37 and 38, of the Photograph Log.

#### 4. <u>Hazardous Waste Labeling</u>

Under Ill. Admin. Code tit. 35 § 722.134(a)(3) [40 C.F.R. § 262.34(a)(3)], each container and tank is labeled or marked clearly with the words, "Hazardous Waste," while being accumulated on-site.

At the time of the inspection, EMCO was storing seven totes of hazardous waste, located near the laboratory, without the words, "Hazardous Waste," marked on the containers. *See*, page 3, paragraph 6, of the Inspection Report; and page 7, photographs 13, 14, of the Photograph Log.

In addition, EMCO was storing four 55-gallon containers of hazardous waste in the Waste Pad Storage Area, without the words, "Hazardous Waste," marked on the containers. *See*, page 4, paragraph 4 of the Inspection Report; and pages 18 and 19, photographs 36, 37 and 38, of the Photograph Log.

#### 5. Contingency Plan

Under Ill. Admin. Code tit. 35 § 722.134(a)(4); Subpart D, 35 § 725.153(a) [40 C.F.R. § 262.34(a)(4); Subpart D, § 265.53(a)], a copy of the contingency plan and all revisions to the plan must be maintained at the facility.

At the time of the inspection, EMCO was not maintaining a copy of the Contingency Plan at the facility. See, page 5, item 4, Contingency Plan, of the Inspection Report.

#### 6. Inspections

Under III. Admin. Code tit. 35 §§ 722.134(a)(1)(A) and 725.274 [40 C.F.R. §§ 262.34(a)(1)(i) and 265.174], at least weekly, the owner or operator must inspect areas where containers are stored.

At the time of the inspection, EMCO was not conducting weekly inspections of the tote storage area near the laboratory, or in the Waste Pad Storage Area. *See*, page 6, item 7, Weekly and Daily Inspections, of the Inspection Report.

**Summary:** By failing to comply with the conditions for a permit exemption, above, EMCO became an operator of a hazardous waste storage facility, and was required to obtain an Illinois hazardous waste storage permit. EMCO failed to apply for such a permit. EMCO's failure to apply for and obtain a hazardous waste storage permit violated the requirements of Ill. Admin. Code tit. 35 §§ 703.121(a) and (b); 703.180(c); and 705.121(a) [40 C.F.R. §§ 270.1(c), and 270.10(a) and (d)]. Any failure to comply with a permit exemption condition incorporated from Ill. Admin. Code tit. 35 Part 725 is also an independent violation of the corresponding TSD requirement.

#### **OTHER VIOLATIONS**

#### 7. Hazardous Waste Determination

Under III. Admin. Code tit. 35 §§ 722.111 [40 C.F.R. § 262.11], a generator must determine whether its waste is hazardous.

At the time of the inspection, EMCO had not made a determination whether the wastes, being stored in fifteen 55-gallon containers, located in the Waste Pad Storage Area, were hazardous. *See*, page 4, paragraph 2, of the Inspection Report; and pages 15 and 19, photographs 30 and 35, of the Photograph Log.

#### 8. Manifests

Under III. Admin. Code tit. 35 § 722.140(a) [40 C.F.R. § 262.40(a)], a generator must keep a copy of each manifest signed in accordance with 262.23(a) for three years or until he receives a signed copy from the designated facility which received the waste. This signed copy must be retained as a record for at least three years from the date the waste was accepted by the initial transporter.

At the time of the inspection, EMCO did not have and was unable to provide final signed copies of manifests from the treatment, storage and disposal facility (TSDF), which received its waste, for three manifests. *See*, page 5, item 2, Manifests, of the Inspection Report.

#### 9. Exception Report

Under Ill. Admin. Code tit. 35 § 722.142(a)(2) [40 C.F.R. § 262.42(a)(2)], a generator of greater than 1000 kilograms of hazardous waste in a calendar month must submit an Exception Report to the Agency (Illinois Environmental Protection Agency) if he has not received a copy of the manifest with the handwritten signature of the owner or operator of the designated facility within 45 days of the date the waste was accepted by the initial transporter.

At the time of the inspection, EMCO did not submit an Exception Report to the Illinois Environmental Protection Agency for not receiving three signed manifests from the TSDF, which received its waste. *See*, page 5, item 2, Manifests, of the Inspection Report.

#### 10. Land Disposal Notification

Under Ill. Admin. Code tit. 35 IAC § 728.107(a)(8) [40 CFR § 268.7(a)(8)], a generator of hazardous waste must retain on-site a copy of all notices, certifications, waste analysis data, and other documentation produced pursuant to Land Disposal Restrictions.

At the time of the inspection, EMCO did not maintain a copy of the land disposal restriction notification for the hazardous waste that is the subject of such documentation. *See*, page 5, item 3, Waste Analysis and Recordkeeping, of the Inspection Report.

According to Section 3008(a) of RCRA, EPA may issue an order assessing a civil penalty for any past or current violation, requiring compliance immediately or within a specified time period, or both. Although this letter is not such an order or a request for information under Section 3007 of RCRA, 42 U.S.C. § 6927, we request that you submit a response in writing to us no later than thirty (30) days after receipt of this letter documenting the actions, if any, which you have taken since the inspection to establish compliance with the above conditions and requirements. You should submit your response to Ms. Jamie Paulin, U.S. EPA, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604.

If you have any questions regarding this letter, please contact Ms. Paulin, of my staff, at 312-886-1771, or at paulin.jamie@epa.gov.

Sincerely,

Gary J. Victorine, Chief

RCRA Branch

Enclosure

cc: Todd Marvel, Illinois EPA, (todd.marvel@illinois.gov)

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 5 77 W. JACKSON BOULEVARD CHICAGO, IL 60604

### RCRA COMPLIANCE EVALUATION INSPECTION REPORT

SITE NAME:

UNITED STAN

EMCO Chemical Distributors, Inc.

EPA ID No.:

ILD 005 070 495

**LOCATION ADDRESS:** 

2100 Commonwealth Avenue

North Chicago, Illinois 60064

NAICS CODE(S):

424690 [Other Chemical and Allied Products Merchant

Wholesalers]

DATE OF INSPECTION:

July 23, 2015

**EPA INSPECTOR:** 

Jamie L. Paulin

Chemist LR-8J

Compliance Section 1 (312) 886-1771 Direct (312) 353-4788 Facsimile paulin.jamie@epa.gov

PREPARED BY:

Jamie L. Paulin

Chemist

Dada

APPROVED BY:

Michael Cunningham Section Chief

Compliance Section 1

RCRA Branch

Facility Name: EMCO Chemical Distributors, Inc.

EPA ID Number: ILD 005 070 495

#### INTRODUCTION:

The purpose of the inspection was to conduct an un-announced Compliance Evaluation Inspection (CEI) at the EMCO Chemical Distributors, Inc. (EMCO) facility, located at 2100 Commonwealth Avenue, North Chicago, Illinois, to examine EMCO's management of its Resource Conservation and Recovery Act (RCRA) regulated waste, and to determine EMCO's compliance with RCRA, including used oil regulations.

- EMCO notified EPA of its hazardous waste activities as a large quantity generator in March. 1994.
- EMCO operates a chemical blending process, distributes chemicals, and packages chemicals. They operate a waste water treatment unit (WWTU) and also manage universal waste.
- EMCO was inspected by EPA on 6/16/2005 and was determined to be a significant non-complier. On 9/27/2007, they were returned to compliance status.
- EMCO employs about 150 people and operates 5-6 days per week with two shifts working Monday through Thursday.

#### **OPENING CONFERENCE:**

I entered the EMCO facility at 10:30am on July 23, 2015. I introduced myself, presented my credentials, and described the purpose of my visit. The security office contacted Michael Schlie, Regulatory Compliance - EH&S, to escort me on the inspection.

I provided a Small Business Resources Information Sheet to him during our opening conference. Mr. Schlie did not make a CBI claim on the information gathered during the inspection or on the photos taken, documents copied and/or verbal information provided.

Mr. Schlie explained that Mr. Brian Roper, Director EH&S, was not present at the North Chicago facility because he manages environmental affairs at all of EMCO's facilities and was working at another facility the day of the inspection.

We discussed that the North Chicago plant is a custom packing facility. They blend chemicals at the site and perform packaging. They collect hazardous waste from the blending lines and from the laboratory and store the waste in containers and not in tanks. The hazardous wastes generated carry the waste codes of D001, D002, F003, F005, D039 and D035.

After our discussion, we began the physical site inspection immediately following the opening conference

Facility Name: EMCO Chemical Distributors, Inc.

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#### SITE INSPECTION:

Mr. Schlie escorted me on the physical site inspection, which began near collection of non-hazardous waste in a 55-gallon container. See, photograph 1.

We then entered the SA01 Building where universal waste and electronic waste was being stored. *See*, photographs 2 and 3.

From the SA01 Building, I inspected the maintenance area. There was one satellite accumulation area (SAA) container of hazardous waste being stored here. Mr. Schlie explained that the waste being stored was part-related waste. The other 55-gallon container was storing non-hazardous waste anti-freeze. *See*, photographs 4 and 5.

Mr. Schlie showed me the Production Fill Room. The Production Fill Room was located a step or two lower from the main floor. Facing the inside of the room, six 55-gallon containers of hazardous waste were being stored next to each other on the left side of the room. Mr. Schlie stated that this area was a satellite accumulation area and not a 90-day storage area. In the middle of the room, three 55-gallon containers of hazardous waste were being stored next to each other also described by Mr. Schlie as SAA containers. On the right side of the room, one 55-gallon container of hazardous waste was being stored as an SAA container. *See*, photographs 6 through 8.

I was then escorted to the Laboratory by Mr. Schlie. Fourteen totes of hazardous waste, labeled as hazardous waste and as "acid trash" were being kept in a storage area near the laboratory. Two of the fourteen totes had been stored on-site over 90 days, having dates of 1/6/2015 and 4/8/2015. Mr. Schlie explained that they considered the area to be an SAA and so no weekly inspections were being conducted. *See*, photographs 9 through 12.

In the room adjacent to the tote storage, seven totes of hazardous waste were being stored open and without dates of accumulation or the words, "Hazardous Waste." The wastes were identified by words painted on the floor, such as flammable trash or caustic trash. Some of the totes were over-flowing with bags of hazardous waste and were not able to be closed. These wastes were generated at the lab as any type of contaminated lab waste. *See*, photographs 13 and 14.

In the actual laboratory an SAA container storing hazardous waste was located under a hood. The container was not closed; however the lab manager put the lid on the container at the time of the inspection. *See*, photographs 15 and 16.

Mr. Schlie then showed me the Waste Pad Storage Area, which was located outside of the facility. Mr. Nick Ruszczak, Waste Coordinator, then joined us and showed me the storage containers. In the front of the area, closest to the building, several 55-gallon containers of waste were being stored. Mr. Ruszczak explained that this was pending waste from a "clean out." EMCO had just sent a sample to a laboratory for analysis to determine if it is hazardous waste. The storage area has several pits located within the ground. Mr. Ruszczak explained that the pits

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collect rain water and were present in case of a spill. Periodically, the pits are cleaned out and the material is collected as waste and stored as "Pending," until a sample is analyzed for waste determination. *See*, photographs 17 and 19.

As I walked through the stacked containers, I noticed that some rows of 55-gallon containers were single stacked and some were double stacked.

Approximately 148 x 55-gallon containers of hazardous waste were being stored in the area. The following information was noted (See, photographs 18, 20 through 28, and 30, 31, 32):

- Three of the 55-gallon containers did not have a date of accumulation located on them. (See, photographs 18, 21, and 26)
- Four of the 55-gallon containers did not have a date of accumulation or the words, "Hazardous Waste," located on them. (See, photographs 20, 24, and 25)
- Four of the 55-gallon containers had been stored over 90 days, having dates of 2/13/15, 10/28/14, 3/10/15, and 8/21/14. Mr. Ruszczak stated that EMCO had no method of disposal of the containers so they would need to continue to be stored until they found a disposal company who could take them. The containers were labeled "Cat Trash." (See, photographs 22, 23, 27, and 28)
- One of the 55-gallon containers had been stored over 90 days, having a date of 3/10/15. This container was labeled as, "Paint Related Waste." (See, photograph 31)
- Six 55-gallon containers were being stored in the area without a date of accumulation or the words, "Hazardous Waste." EMCO stated that these were pending analysis to determine if they were hazardous. (*See*, photograph 30)
- Two open 55-gallon containers of hazardous waste were being stored without dates of accumulation. Mr. Ruszczak did put a date of accumulation on each container and put a cap on them at the time of the inspection. (See, photographs 32 and 33)
- Nine of the 55-gallon containers of waste were being stored with no dates of accumulation or the words, "Hazardous Waste." EMCO states that they were waiting analysis for hazard determination. (See, photograph 35)

Several 55-gallon containers of sampled product were also being stored in this area. See, photographs 29 and 34.

Totes of hazardous waste generated from the laboratory were also being stored in this area. Approximately 16 totes were being double stacked on pallets. Three of the totes did not have a date of accumulation. *See*, photographs 36, 37 and 38.

The aisle space was too small for me to fit through in order to inspect all of the labels. See, photograph 39.

A grated pallet was being stored here that was sometimes used for storage and collection of spills. There was a free liquid inside of the pallet. Another pit located within the ground was also located here. Mr. Ruszczak stated that the pit collects rain water and is present in case of spills.

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Periodically EMCO collects the material in the pit and has it analyzed for hazard determination. *See*, photographs 41 and 42.

Lastly three 55-gallon containers of wash solvent were also being stored in this area. Mr. Ruszczak mentioned that EMCO will either re-use the wash solvent or sell it. *See*, photograph 43.

This area was the last to be inspected. We returned to the front office to complete the records review.

#### **RECORDS REVIEW:**

Mr. Schlie aided me in the review of the hazardous waste records after completing the physical site inspection.

#### 1. Personnel Training

EMCO did not have RCRA training records on site at the time of the inspection. Mr. Roper sent me an email on 8/24/15 stating that he would send me copies of the records. I did receive the documents on 10/29/15. The delay was due to email issues.

The training records were complete and there was documentation of annual training for the years 2015 and 2014.

#### 2. Manifests

I reviewed the manifests of the hazardous waste shipments for the years 2013, 2014 and 2015. A final signed copy from the TSD was not in the records for three of the manifests as listed below:

3/7/14 012224847 JJK 4/4/14 012224901 JJK 11/14/14 012265175 JJK

#### 3. Waste Analysis and Recordkeeping

I observed that EMCO did not have, as a record on-site, a land disposal restriction (LDR) notification form for shipments of hazardous waste.

#### 4. Contingency Plan

A Contingency Plan was not available for my review during the inspection. Mr. Roper sent me an email on 8/24/15 stating that he would send me a copy of the contingency plan. I did

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receive the Contingency Plan to review on 10/29/15. The delay was due to email issues.

The Contingency Plan contained all of the elements required under 35 IAC 725.152 [40 CFR § Section 265.52].

#### 5. Preparedness and Prevention

Agreements with local emergency authorities, contractors, or local hospitals were not available for my review during the inspection. Mr. Roper sent me an email on 8/24/15 stating that he would send me a copy of the agreements. I did receive the agreements to review on 10/29/15. The delay was due to email issues.

#### 6. Annual Reporting

EMCO did not have copies of annual reports at the time of the inspection. Mr. Roper sent me an email on 8/24/15 stating that he would send me the documents. I did receive copies of the reports to review on 10/29/15. The delay was due to email issues.

EMCO had filed an annual report with IEPA by March 1 for the reporting years 2012, 2013 and 2014.

They are currently listed as an LQG within the EPA's RCRAInfo database.

#### 7. Weekly and Daily Inspections

EMCO was not conducting weekly inspections of the hazardous waste storage areas.

#### **CLOSING CONFERENCE:**

I conducted the closing conference with Mr. Schlie. I explained to him that I would need to review my notes and photographs before making any compliance decisions. I also explained that I would submit a copy of my inspection report along with the photo log to EMCO.

I also explained to Mr. Schlie that the amount of hazardous waste in an SAA is limited to 55-gallons. The amounts that were being stored in the laboratory and in the Production Fill Room were greater than 55 gallons.

Additionally, I asked Mr. Schlie to send me the following documents as soon as possible, since he could not obtain the documents at the time of the inspection:

- 1. RCRA Training records for last 3 years, including.
  - a. Written description of the type and amount of training.
  - b. Documentation of annual training.

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RCRA CEI 7/23/2015

c. Job titles for each position related to hazardous waste management.

- d. Written job descriptions for each position above.
- e. Documentation that new employees are trained within 6 months.
- 2. Copy of the contingency plan.
- 3. Copies of any arrangements made with local authorities.
- 4. Copies of the hazardous waste annual reports filed by March 1, for the last 3 years.

*Note.* I sent an email to Mr. Schlie on 8/21/15 asking him to send me the documents for review. I received an email from Mr. Roper on 8/24/15 stating that he would send me the documents for review by the end of that week. I did receive the documents on 10/29/15. The delay was due to email issues.

I departed EMCO around 2:00pm.

#### ATTACHMENT: (2)

Attachment 1

Photographs taken during the time of the inspection.

Attachment 2

Inspection Check list

Media: RCRA

Disk Number

1

Photo Number

1

Photo Filename DSCN0856.JPG

Date/Time

7/23/2015

11:23:00 AM

Photographer

Jamie Paulin

#### Description

Non-hazaradous waste storage 55-gallon container.



Disk Number

Photo Number Photo Filename

DSCN0857.JPG

Date/Time

7/23/2015

11:28:00 AM

Photographer

Jamie Paulin

#### Description

SA01 Building. Universal waste and e-waste storage area.



Media: RCRA

Disk Number

1

Photo Number

3

Photo Filename

DSCN0858.JPG

Date/Time

7/23/2015 11:28:00 AM

Photographer

Jamie Paulin

#### Description

SA01 Building. Universal waste and e-waste storage area.



Disk Number

1

Photo Number

Photo Filename DSCN0859.JPG

Date/Time

7/23/2015

11:31:00 AM

Photographer

Jamie Paulin

#### Description

Maintenance area. Satellite Accumulation Area (SAA). Part-related waste.



Media: RCRA

Disk Number Photo Number

1 5

Photo Filename

DSCN0860.JPG

Date/Time

7/23/2015

11:32:00 AM

Photographer

Jamie Paulin

#### Description

Maintenance Area. Non hazardous waste antifreeze.



Disk Number

1

Photo Number
Photo Filename

DSCN0861.JPG

Date/Time

7/23/2015 11:35:00 AM

Photographer

Jamie Paulin

#### Description

Production Fill Room SAA containers. Six 55-gallon containers of hazardous waste were stored next to eachother.



#### Media: RCRA

Disk Number

1 7

Photo Number

Photo Filename DSCN0862.JPG

Date/Time

7/23/2015

11:37:00 AM

Photographer

Jamie Paulin

#### Description

Production Fill Room. An SAA container of hazardous waste was being stored in this location.



Disk Number

1

Photo Number
Photo Filename

DSCN0863.JPG

Date/Time

7/23/2015 11:42:00 AM

Photographer

Jamie Paulin

#### . . .

Production Fill Room. Three 55-gallon containers of hazardous waste were being stored near eachother.

#### Description



Media: RCRA

Disk Number

1

Photo Number

9

Photo Filename

DSCN0864.JPG

Date/Time

7/23/2015

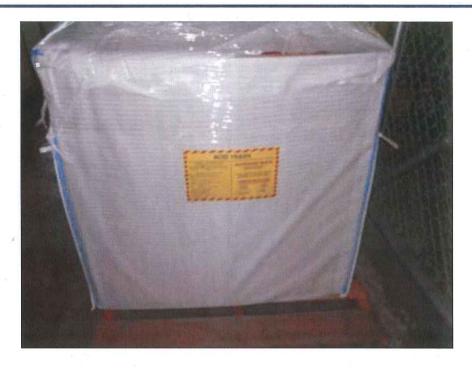
11:57:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. One tote of hazardous waste was being stored in this location. The date on the label was 1/6/15, over the 90 day storage time. No weekly inspections were being done in this area.



Disk Number

1 10

Photo Number Photo Filename

DSCN0865.JPG

Date/Time

7/23/2015

11:57:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. One tote of hazardous waste was being stored in this location. The date on the label was 1/6/15, over the 90 day storage time. No weekly inspections were being done in this area.



Media: RCRA

Disk Number

1

Photo Number

11

Photo Filename

DSCN0866.JPG

Date/Time

7/23/2015

11:57:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. One tote of hazardous waste was being stored in this location. The date on the label was 4/8/15, over the 90 day storage time. No weekly inspections were being done in this area.



Disk Number

1 12

Photo Number
Photo Filename

DSCN0867.JPG

Date/Time

7/23/2015

11:57:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. Fourteen totes of hazardous waste were being stored as SAA containers. No weekly inspection was being performed in this area.



Media: RCRA

Disk Number

1

Photo Number

13

Photo Filename

DSCN0868.JPG

Date/Time

7/23/2015

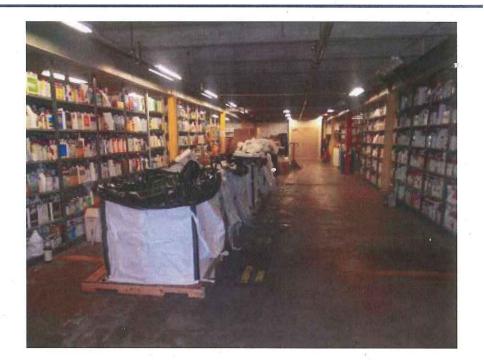
11:58:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. Seven totes of hazardous waste were being stored in this location open and not labeled with the dates of accumulation or the words, "Hazardous Waste."



Disk Number

1

Photo Number
Photo Filename

DSCN0869.JPG

Date/Time

7/23/2015

11:59:00 AM

Photographer

Jamie Paulin

#### Description

Laboratory. Seven totes of hazardous waste were being stored in this location open and not labeled with the dates of accumulation or the words, "Hazardous Waste." The waste was identified by words on the floor but not as hazardous waste.



Media: RCRA

Disk Number

1

Photo Number

15

Photo Filename

DSCN0870.JPG

Date/Time

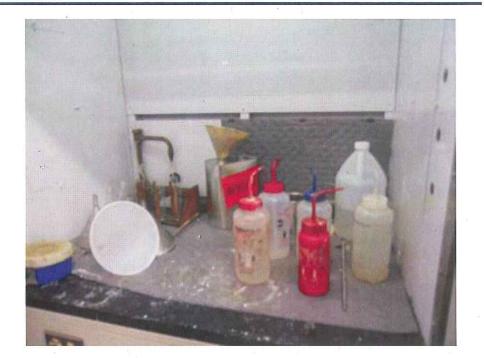
7/23/2015 12:01:00 PM

Photographer

Jamie Paulin

#### Description

Laboratory. Waste containers located under a hood. The SAA container was not closed.



Disk Number

1 16

Photo Number

Photo Filename ,DSCN0871.JPG

Date/Time

7/23/2015

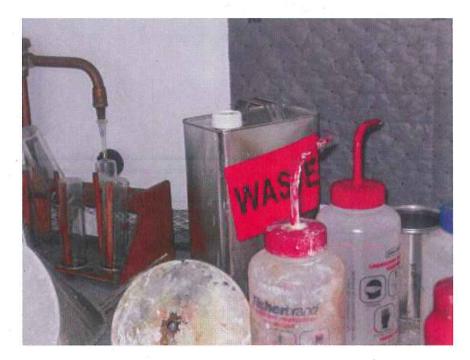
12:04:00 PM

Photographer

Jamie Paulin

#### Description

Laboratory. SAA container of hazardous waste. Emco put the cap back onto the container at the time of the inspection.



Media: RCRA

Disk Number

1

Photo Number

17

Photo Filename

DSCN0872.JPG

Date/Time

7/23/2015

Photographer

12:14:00 PM Jamie Paulin

#### Description

Waste Pad Storage Area. Pending waste was collected from "clean-out," and being stored in this location. Emco has sent out a sample for analysis to determine if it is hazardous waste.



Disk Number

18

Photo Number Photo Filename

DSCN0873.JPG

Date/Time

7/23/2015

12:15:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon containers of hazardous waste storage. This container did not contain a date of accumulation.



Media: RCRA

Disk Number

1

Photo Number

19

Photo Filename

DSCN0874.JPG

Date/Time

7/23/2015 12:16:00 PM

Photographer .

Jamie Paulin

#### Description

Pit located outside in the Waste Pad Storage Area. The pit collected rain water and was present in case of a spill. Periodically Emco collected the material in the pit for disposal.



Disk Number

1 20

Photo Number
Photo Filename

DSCN0875.JPG

Date/Time

7/23/2015 12:17:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon storage of hazardous waste. Two blue 55-gallon containers did not have any labeling; no date of accumulation and no words, "Hazrardous Waste."



Media: RCRA

Disk Number

1

Photo Number

21

Photo Filename

DSCN0876.JPG

Date/Time

7/23/2015

12:20:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste did not have a date of accumulation.



Disk Number

1

Photo Number Photo Filename

22 DSCN0877.JPG

Date/Time

7/23/2015

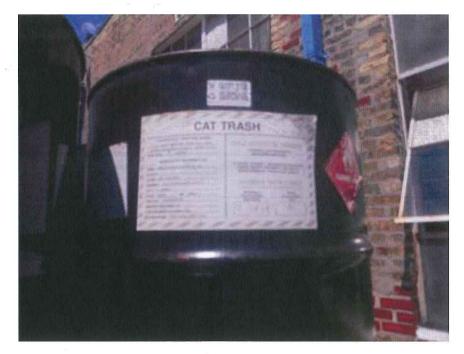
12:23:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was labeled with a date of accumulation of 2/13/15. Mr. Ruszczak explained that Emco has no method of disposing of the hazardous waste.



#### Media: RCRA

Disk Number

1.

Photo Number

23

Photo Filename

DSCN0878.JPG

Date/Time

7/23/2015

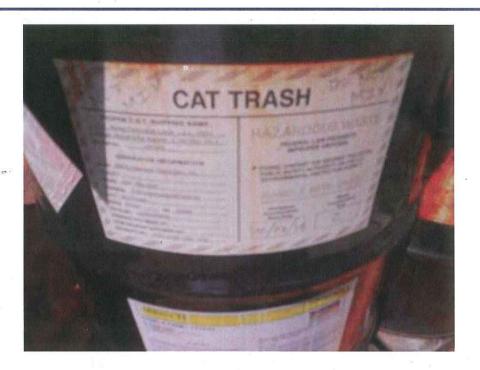
12:23:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was labeled with a date of accumulation of 10/28/14. Mr. Ruszczak explained that Emco has no method of disposing of the hazardous waste.



Disk Number

1

Photo Number
Photo Filename

DSCN0879.JPG

Date/Time

7/23/2015

12:23:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was not labeled with a date of accumulation or the words, "Hazardous Waste," located on the container.



Media: RCRA

Disk Number

1

Photo Number

25

Photo Filename

DSCN0880.JPG

Date/Time

7/23/2015

12:23:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was not labeled with a date of accumulation or the words, "Hazardous Waste," located on the container.



Disk Number

1

Photo Number

26 DSCN0881.JPG

Photo Filename
Date/Time

7/23/2015

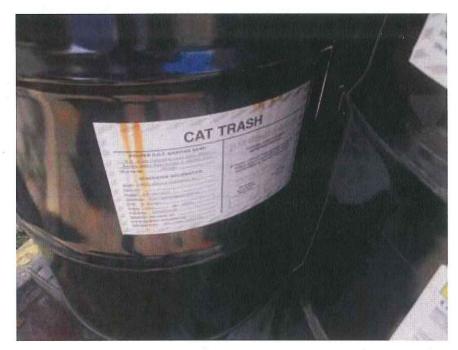
12:23:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste did not have a date of accumulation.



#### Media: RCRA

Disk Number

1

Photo Number

27

Photo Filename

DSCN0882.JPG

Date/Time

7/23/2015 12:24:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was labeled with a date of accumulation of 3/10/15. Mr. Ruszczak explained that Emco has no method of disposing of the hazardous waste.



Disk Number

1

Photo Number Photo Filename

DSCN0883.JPG

Date/Time

7/23/2015

12:25:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was labeled with a date of accumulation of 8/21/14. Mr. Ruszczak explained that Emco has no method of disposing of the hazardous waste.



Media: RCRA

Disk Number

1

Photo Number

29

Photo Filename

DSCN0884.JPG

Date/Time

7/23/2015

12:30:00 PM

Photographer

Jamie Paulin

#### \_Description

Waste Pad Storage Area. Various 55-gallon container storage.



Disk Number

1

Photo Number

30 DSCN0885.JPG

Photo Filename
Date/Time

7/23/2015

12:30:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Six 55-gallon containers were not labeled with a date of accumulation or words, "Hazardous Waste." Emco stated that they were pending analysis to determine if hazardous.



#### Media: RCRA

Disk Number Photo Number

1 31

Photo Filename

DSCN0886.JPG

Date/Time

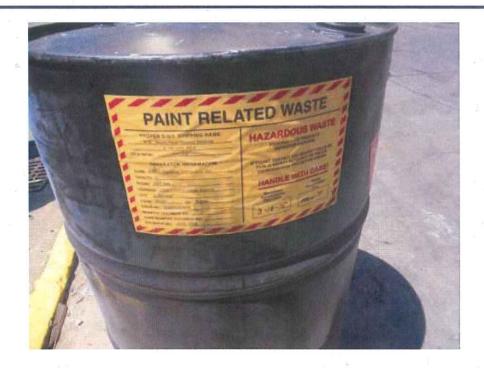
7/23/2015 12:31:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. 55-gallon container of hazardous waste was labeled with a date of accumulation of 3/10/15, greater than the 90 day storage time allowed.



Disk Number

1 32

Photo Number
Photo Filename

DSCN0887.JPG

Date/Time

7/23/2015 12:32:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Two open 55-gallon containers of hazardous waste were being stored without dates of accumulation. Emco did put a date of accumulation on the containers and lids on at the time of the inspection.



Media: RCRA

Disk Number

1

Photo Number

33

Photo Filename

DSCN0888.JPG

Date/Time

7/23/2015

Photographer

12:34:00 PM

0 1

Jamie Paulin

#### Description

Waste Pad Storage Area. Two open 55-gallon containers of hazardous waste were being stored without dates of accumulation. Emco did put a date of accumulation on the containers and lids on at the time of the inspection.



Disk Number

1

Photo Number

34 DSCN0889.JPG

Photo Filename

7/23/2015

12:36:00 PM

Photographer

Jamie Paulin

### Description

Date/Time

Waste Pad Storage Area. 55-gallon container storage of sampled product.



Media: RCRA

Disk Number

1

Photo Number

35

Photo Filename

DSCN0890.JPG

Date/Time

7/23/2015 12:36:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Nine 55-gallon containers of waste awaiting analysis for hazard determination.



Disk Number

1

Photo Number Photo Filename

36 DSCN0891.JPG

Date/Time

7/23/2015

12:37:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Totes of hazardous waste from the laboratory were being stored in this location on pallets. No date of accumulation was located on the tote.



Media: RCRA

Disk Number

1

Photo Number

37

Photo Filename

DSCN0892.JPG

Date/Time

7/23/2015 12:38:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Totes of hazardous waste from the laboratory were being stored in this location on pallets. No date of accumulation was located on the tote.



Disk Number

1

38

Photo Number
Photo Filename

DSCN0893.JPG

Date/Time

7/23/2015

12:39:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Totes of hazardous waste from the laboratory were being stored in this location on pallets. No date of accumulation was located on the tote.



Media: RCRA

Disk Number

1

Photo Number

39

Photo Filename

DSCN0894.JPG

Date/Time

7/23/2015 12:40:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Totes of hazardous waste from the laboratory were being stored in this location on pallets. Aisle space was too small for me to fit through to check all of the labels.



Disk Number

1 · 40

Photo Number
Photo Filename

DSCN0895.JPG

Date/Time

7/23/2015

12:42:00 PM

Photographer

Jamie Paulin

#### Description

Overview of Waste Pad Storage Area.



Media: RCRA

Disk Number

1

Photo Number

41 Photo Filename DSCN0896.JPG

Date/Time

7/23/2015

12:42:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Grated pallet used for storage and collection of spills.



Disk Number

42

Photo Number Photo Filename

DSCN0897.JPG

Date/Time

7/23/2015

12:43:00 PM

Photographer

Jamie Paulin

#### Description

Pit located outside in the Waste Pad Storage Area. The pit collects rain water and is present in case of a spill. Periodically Emco collects the material in the pit.



Media: RCRA

Disk Number

Photo Number

43 Photo Filename DSCN0898.JPG

Date/Time

7/23/2015

12:47:00 PM

Photographer

Jamie Paulin

#### Description

Waste Pad Storage Area. Three 55-gallon containers of wash solvent that Emco will either re-use or sell.



CET 7/23/15

Emco Chemical JRD 005 070 495

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
	PART 722: STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE (>1000 KG/MO.)	
	SUBPART A: GENERAL	
722.111	Section 722.111 Hazardous Waste Determination  Has the generator correctly determined if the solid waste(s) it generates is a hazardous waste?	
	YesNoN/A Have hazardous wastes been identified for purposes of compliance with Part 728?	722.111
808.121(a)	Has the generator correctly determined if the solid waste(s) it generates is a special waste?  Yes  No  N/A  Yes  No  N/A	
722 113(-)	Section 722.112 USEPA Identification Numbers Has the generator obtained a USEPA identification number?	808.121(a)
722.112(a)	Yes No N/A	722.112(a)
722.112(c)	Has the generator offered its hazardous waste only to transporters or to treatment, storage or disposal facilities that have a USEPA identification number?	722 112()
	Yes No N/A SUBPART B: THE MANIFEST	722.112(c)
722.120(a)	Section 722.120 General Requirements  Does the facility manifest its waste off-site?  Yes	
722.120(b)	Yes No N/A  Does the manifest designate a facility permitted to handle the waste?  Yes No N/A	722.120(a)
722.120(d)	Has the generator shipped any waste that could not be delivered to the designated facility?  YesNoN/A	722.120(b)
	Section 722.121 Acquisition of Manifests Has the generator used:	722.120(d)
722.121(a)	- an Illinois manifest for wastes designated to a facility within Illinois?  Yes No N/A	722.121(a)
722.121(b)	- a manifest from the State to which the manifest is designated?  Yes No N/A	
	- an Illinois manifest if the State to which the waste is designated has no manifest of its own?  Yes No N/A	722.121(b)
722.122	Section 722.122 Number of Copies  Does the manifest consist of at least 6 copies?  Yes  No  N/A	722.122
722.123(a)	Section 722.123 Use of the Manifest For each manifest reviewed, has the generator: - signed the certificate by hand?	
	Yes No N/A obtained the handwritten signature and the date of acceptance by the initial transporter?	702 122(a)
	Yes V No N/A No N/A retained one copy as required by Section 722.140(a)?	722.123(a)
	Yes No N/A  - apparently sent a copy (part 5 for the Illinois manifest) to the Agency within 2 working days?  Yes No N/A	
722.123(b)	- has the generator apparently given the remaining opies to the transporter?  Yes No N/A	722.123(b)
722.123(c)	- has the generator followed the procedures prescribed in Section 722.123 for manifesting bulk shipments of hazardous waste by rail or water?	
	Yes No N/A	722.123(c)

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
	SUBPART C: PRE-TRANSPORT REQUIREMENTS	·
	Is there any hazardous waste ready for transport off-site?	
722.130	Yes No N/A	722.130
•	If so, is the generator complying with the pre-transport requirements in Subpart C?  Yes No N/A	
(700.124(.))	Section 722.134 Accumulation Time  Has the generator complied with the following requirements:	
(722.134(a))	Yes No N/A	
(722.134(a)(1))	A) For waste in containers, has the generator complied with the requirements of Part 725, Subpart I, AA, BB, and CC?	
	Yes No N/A	
•	and/or	,
	B) For waste in tanks, has the generator complied with the requirements of Part 725, Subpart J, AA, BB, and CC (except Sections 725.297(c) and 725.300)?	
	Yes No N/A	
	and/or C) For waste on drip pads, has the generator complied with the requirements of Part 725, Subpart W and	
	maintained the required records identified in this subsection?	
	Yes No N/A	
	D) For waste in containment buildings, has the generator complied with Part 725, Subpart DD and	
	maintained the required records identified in this subsection?  Yes No N/A	
	For waste in containers, has the generator marked and made visible for inspection on each container, the date	
(722.134(a)(2))	upon which accumulation began?	
	Yes NoV N/A  For waste in containers and tanks, has the generator marked or labeled each with the words "Hazardous	
(722,134(a)(3))	Waste"?	
	Yes No N/A	
(722.134(a)(4))	Has the generator complied with the requirements of Part 725, Subparts C and D, and Sections 725.116 and	
	728.107(a)(4)?	
	Yes No/ N/A	
•	Specifically, the requirements of items 1 and/or 4 above (listed by regulation) which need to be complied with	
	are as follows:	
	Does the facility accumulate hazardous waste in containers?	
	Yes V No N/A If "No", go to Subpart J.	
	in the figure of the first terms	
	SUBPART I: USE AND MANAGEMENT OF CONTAINERS	
	Has the generator closed an accumulation area?	725.211
(725.211)	Yes No N/A	70.7.014
(725.214)	If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?  Yes  No  N/A	725.214
(725.271)	If the containers have leaked or are in poor condition, has the owner/operator transferred the hazardous waste	
	to a suitable container?  Yes / No N/A	
(705.073)	Is the waste compatible with the container and/or liner?	
(725.272)	Yes No N/A	
(725.273(a))	Are containers of hazardous waste always closed except to remove or add waste during accumulation?	e .
	Yes No N/A	
(725.273(b))	Are containers of hazardous waste being opened, handled, or stored in a manner which will prevent the rupture	
	of the container or prevent it from leaking?	
	Yes No N/A	

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation			
(725.274)	Is the owner/operator inspecting the accumulation area(s) at least weekly, looking for leaks or deterioration?  Yes  No  N/A				
	Is the accumulation area free from any evidence of leaking or deteriorating containers? (See also Section 725.131)				
	Yes No N/A				
(725.276)	Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility's property line?				
	Yes V No N/A Note: See Section 725.117(a) for additional requirements for ignitable, reactive or incompatible wastes.				
(725.277)	Is the owner/operator complying with the requirements concerning incompatible wastes?				
	Yes No N/A COMMENTS:				
	COMMENTS:				
		n			
	G d FOROM AND				
(725.278)	Section 725.278 Air Emission Standards Is the owner or operator managing all hazardous waste placed in containers in accordance with Subparts AA, BB and CC of Part 725?				
	Yes No N/A				
	Comments:				
	Does the generator accumulate and/or treat hazardous waste in tanks?				
	Yes No/ N/A				
	Note: If "No", go to Subpart C.				
	SUBPART J: TANK SYSTEMS				
	Has the generator closed an accumulation area?	725.211			
	Yes No N/A If "Yes", was the accumulation area closed in accordance with Sections 725.211 and 725.214?				
(725.211) (725.214)	Yes No N/A	725.214			
(725.290)	Does the facility accumulate or treat hazardous waste in tanks?  Yes  No  N/A				
	Note: A generator may treat hazardous waste in a tank for less than 90 days without a RCRA permit.				
	If "No", skip Subpart J.				
	a) Tank systems that are used to accumulate or treat hazardous waste which contains no free liquids (using the Paint Filter Liquids Test) and that are situated inside a building with an impermeable floor are				
	exempted from the requirements in Section 725.293.  b) Tank systems, including sumps, that serve as part of a secondary containment system to collect or contain				
	releases of hazardous wastes are exempted from the requirements in Section 725.293(a). c) Tanks, sumps and other collection devices used in conjunction with drip pads (as defined in Section 720.110) and regulated under Subpart W, must meet the requirements of this Subpart.				

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(725.291(a))	For tanks <b>existing</b> prior to July 14, 1986 (see definition of tank system under 720.110) and not protected by a secondary containment system, has a written assessment been reviewed and certified by an IRPE(*) in accordance with Section 702.126(d) by January 12, 1988 [except as provided in Section 725.291(c)]?  Yes No N/A	
(725.291(b))	Does this assessment consider at least the following:  1) design standards for the tank and ancillary equipment?  Yes	
(725.291(e))	Has a tank system assessment been performed within 12 months after the materials in the tank become a hazardous waste?  Yes No N/A  Note: If an assessment indicates a tank system is leaking or unfit for use, the owner/operator must comply with the requirements of Section 725.291(b)(3).	1.
(725.292(a))	For new tanks (see definition of new tanks under Section 720,110) whose installation commenced after 07/14/86, has a written assessment been reviewed and certified by an IRPE in accordance with Section 702.126(d) prior to operation of the tank system?  Yes	
(725.292(g))	Has the owner/operator obtained and kept on file at the facility the written statements, including the certification statements [as required in Section 702.126(d)] of the design and installation requirements of Subsections (b) through (f)?  Yes No N/A	

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)				
(725.293(a))	Is secondary containment provided for any new tank system before being put into service?				
	Yes No N/A Does an existing tank, used to accumulate F020, F021, F022, F023, F026 or F027 waste(s), have secondary containment by 1/12/89?				
	Yes No N/A				
	For an existing tank of documentable age, is secondary containment provided by 1/12/89 or when the tank is 15 years old, whichever is later?				
	Yes No N/A				
	For an existing tank of undocumentable age, has secondary containment been provided by 1/12/95?  Yes No N/A				
	or and a second	,			
	if the facility is older than 7 years, by the time the facility reaches 15 years of age or 1/12/89, whichever is				
	later? Yes No N/A				
	For tanks that accumulate wastes that become hazardous after 1/12/87, has secondary containment been				
	provided within the time intervals required in Subsections (a)(1) through (a)(4) substituting the date that a material becomes a hazardous waste for 1/12/87?				
	Yes No N/A				
(725.293(b))	Is the secondary containment system designed, installed and operated to prevent migration of wastes or accumulated liquid out of the system at any time?				
	Yes No N/A				
	Is the secondary containment system capable of detecting and collecting releases and accumulated liquids until the collected material is removed?				
	Yes No N/A				
(725.293(e))	To meet the requirements of Subsection (b), is the secondary containment system:  1) compatible with the waste(s) in the tank and of sufficient strength and thickness to prevent failure?				
	Yes No N/A				
	2) placed on a foundation or base capable of providing support, providing resistance to pressure gradients and preventing failure due to settlement, compression of uplift?				
	Yes No N/A				
	3) provided with a leak detection system designed and operated to detect any release or accumulated liquid within 24 hours?				
	Yes No N/A				
	precipitation?				
	Yes No N/A	•			
	and				
	is spilled or leaked waste and accumulated precipitation removed from the secondary containment within 24 hours?				
•	Yes No N/A				
	Note: A RCRA permit may allow for removal of liquids less frequently than 24 hours after accumulation.				
(725.293(d))	Does the secondary containment for tanks have one or more of the following:				
(	1) a liner (external to the tank); or				
	2) a vault; or				
	3) a double-walled tank; or 4) an equivalent device (approved by the Board)?				
	Yes No N/A				
(725.293(e))	Does the external liner system(s), vault system(s) and/or double-walled tank(s) meet the additional				
	requirements identified in Section 725.293(e)?				
	Yes No N/A				

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)					Violation
(725.293(f))	P.	lary equipment protected by secondar	ry containment that	meets the require	ment of Subsection (h) and	
. *	(c)?		Yes	No	N/A	
	If "No";					
	1)	Is aboveground piping (exclusive o				
	2)	Are welded flanges, joints and com	Yesnections inspected of	No lailv?	N/A	
		1	Yes	No	N/A	
	3)	Are sealless or magnetic coupling p	pumps and scalless:  Yes	valves inspected d No	laily? _ N/A	
	4)	Are pressurized aboveground pipin	ng systems with auto	omatic shut-off de No	vices inspected daily?	
(725,293(i))	1	sch time as secondary containment is	provided, are the fo	llowing requirem	ents being met for all tank	
	systems 1)	For non-enterable underground tan 725.291(b)(5) been conducted?	ıks, has an annual le	eak test that meets	the requirements of	:
			Yes	No	N/A	
	2)	For other than non-enterable under internal inspection or other tank in			conducted?	;
	3)	Are written records maintained at t				
		Subsections (i)(1) and (i)(2)	Yes	No	N/A	
	Note:	If a tank system is found to be leak owner/operator must comply with		as a result of a lea	k test or assessment, the	
(725.294(a))	Has the	owner/operator placed hazardous wa	istes or treatment re	agents in the tank	system that could cause the	·
	system t	to rupture, leak, corrode or otherwise	fail? Yes	No		-
(725,294(b))	Do tank includin	s and secondary containment have ap	ppropriate controls	and practices to pr	revent spills and overflows	
	1)	•	· Parting			
	2)	overfill prevention controls?	Yes	No	N/A	
	2)	* .	Yes	No	N/A	
	3)	sufficient freeboard in uncovered to	Yes	No	N/A	
(725.294(c))	Note:	If a leak or spill has occurred in the requirements of Section 725.296.	e tank system, the or	wner/operator sha	Il comply with the	
(725.295(a))	Does the	e owner/operator inspect, if present,	at least each operati	ng day, the follow	/ing:	
	1)	overfill/spill control equipment?	Vos	No	- NI/A	
	2)	the aboveground portion of the tan	Yes k system for corrosi		N/A	
	3)	data from monitoring equipment?	Yes	No	_ \ N/A	
	3)		Yes	No		
	4)	the construction materials and the a	area immediately su Yes	•	-	
(725.295(b))		nk system has cathodic protection, is y are functioning properly?	the owner/operator	complying with S	Section 725.293(b) to ensure	
			Yes	No		
(725.295(c))		e owner/operator document in the op 725.295(a) and (b)?	erating record, the i	esults of tank insp	pections as required in	
		• • • •	Yes	No	N/A	

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)				
(725.296)	If the tank system or secondary containment system has a leak or spill or is unfit for use, has the owner/operator:				
	à) immediately ceased using; prevented flow or addition of waste and inspected the system to determine the cause of the release?				
	YesNoN/A b) removed applicable waste from the system within 24 hours of detection? Yes No N/A				
	c) immediately conducted a visual inspection of the release and taken actions to contain visible releases to the environment, prevented further migration to soils or surface water and removed and properly disposed of any contaminated soil or water?				
•	Yes No N/A				
(725.296(d))	d) notified the Agency within 24 hours of detection of release?  Yes No N/A				
·	d)3) within 30 days of detection of release, submitted a report to the Agency that complies with the requirements of Section 725.296(d)(3)?				
	Note: Notification and reports are not necessary if less than 1 pound of material is spilled and it was immediately contained and cleaned up.				
(725.296(e))	e) repaired the tank system prior to returning the tank system to service in the event that a leak has occurred from the primary tank system into the secondary containment system?  Yes No N/A	1			
	e)4) provided secondary containment before returning a tank system to service in the event that the release was from a component of a tank system without secondary containment?  YesNoN/A				
	e)4) met the requirements for a new tank system in the event that a component is replaced during repair?  Yes  No  N/A				
	e)4) provided the entire component with secondary containment prior to being returned to use in the event that a leak has occurred in any portion of a component that is not readily accessible for visual inspection?				
	Ves No N/A				
(725.296(f))	f) In the event that an extensive repair has been conducted in accordance with subsection (e), submitted to the Agency within 7 days after returning the tank system to use, a certification by an IRPE stating that the repaired system is capable of handling hazardous wastes without release for the intended life of the system?				
	YesNoN/A				
	Note: If the owner/operator does not satisfy the requirements of subsections (e)(2) through (e)(4), the tank system must be closed in accordance with Section 725.297.				
(725.297(a))	At the time of closure of a tank system, has the owner/operator removed or decontaminated all waste residues, contaminated components, contaminated soils and structures and equipment and managed them as hazardous waste [unless Section 721.103(d) applies]?				
	Yes No N/A				
(725.297(a))	Have the closure plan, closure activities, cost estimates for closure and financial responsibility for tank systems met all requirements specified in Subparts G and H?  Yes NoN/A	٠			
(725.297(b))	If the tank system cannot be "clean" closed, has the owner/operator closed the tank system and performed post-closure care in accordance with the closure and post-closure care requirements that apply to landfills (Section 725.410)?				
	Note: Such a tank system is considered a landfill and must meet all of the requirements of landfills specified in Subparts G and H.				

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)				
(725.298(a))	Are ignitable or reactive wastes placed in a tank	system? Yes	No	N/A	
	If "No", skip to Section 725.299.			· ·	
•	Is the waste treated, rendered or mixed before or the resulting waste, mixture or dissolve				
	- Section 725.117(b) is complied with?	Yes	No	N/A	-
	or	Yes		N/A	
	Is the waste accumulated or treated so that it is p ignition or reaction?	_			
	or Is the tank used solely for emergencies?	Yes	No	N/A	
		Yes	No	N/A	
(725.298(b))	Is the facility complying with the requirements rewaste management area and any public ways, str	eets, alleys or any	adjoining property li	ne?	
(725.299)	Are incompatible wastes/materials placed in the	Yessame tank?	No	N/A	
	The moompanere wasces materials placed in the	Yes	No	N/A	
·	If "No", skip to Section 725,300.				
	Is Section 725.117(b) being complied with?  Has the tank system been properly decontaminat	Yes	No.	N/Aunless	
	Section 725.117(b) is complied with?	Yes	No	N/A	
	COMMENTS:				
			·		
(725.302)	Section 725.302 Air Emission Standards Is the owner or operator managing all hazardous	waste placed in tar	nks in accordance wi	th Subparts AA, BB	
	and CC of Part 725?	Yes	No	N/A	
	Comments:				
		·			
·					
		·			

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)			
(725.131)	SUBPART C: PREPAREDNESS AND PREVENTION			
	Is the facility being operated and maintained to minimize the possibility of a fire explosion or any release of hazardous waste or hazardous waste constituents which could threaten human health or the environment?  YesNoN/A			
(725.132)	Is the facility equipped with the following, if necessary:  a) an internal communication or alarm system(s)?  Yes	·		
(725.133)	Is the facility testing and maintaining communication/alarm system(s), fire protection equipment, spill control equipment and decontamination equipment?  Yes			
(725.134)	a) Where hazardous waste is being handled, do all employees have immediate access to an internal alarm or other emergency communication device?  Yes No N/A  b) If there is ever just one employee on the premises when the facility is operating, does he/she have immediate access to a device capable of summoning external emergency assistance?  Yes No N/A			
(725.135)	Is the facility maintaining adequate aisle space?  YesNoN/A			
(725.137)	Has the facility attempted to make the following arrangements, as appropriate, for the type of facility and waste:  - arrangements with local emergency authorities (i.e. police and fire departments, other emergency response agencies) to familiarize them with the layout of the facility, properties of hazardous waste handled, places where facility personnel would be working, entrances to roads inside the facility and evacuation routes?  Yes	maker which		
(725.151(a))	Is the contingency plan available?  Yes No N/A  If "No", skip to Section 725.155.  Is the plan designed to protect human health and the environment from releases to the air, soil and water?  Yes No N/A	2		
(725.151(b))	Has there been a fire, explosion or release of hazardous waste?  Yes NoN/A  If "Yes", has the contingency plan been carried out immediately?  Yes NoN/A			
(725.152(a))	Does the plan describe the actions required for response to:  - fires? Yes No N/A N/A Per releases? Yes No N/A			

<b>Regulation</b> (725.152(e))	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)				
	Does the plan describe arrangements with:  - police and fire departments? Yes No N/A  - hospitals? Yes No N/A  - contractors? Yes No N/A  - emergency response teams? Yes No N/A				
(725.152(d)	Does the plan contain the current emergency coordinator's name, phone (office and home) and address?  Yes No N/A				
(725.152(e))	Does the plan identify all emergency equipment including:  - description? Yes No N/A  - capability? Yes No N/A  - location? Yes No N/A  Is the list of emergency equipment up-to-date? Yes No N/A				
(725.152(f))	Does the plan include:  - an evacuation plan? Yes No N/A  - an evacuation signal? Yes No N/A  - alternate evacuation routes? Yes No N/A				
(725.153)	Has the contingency plan (including all revisions) been:  a) maintained at the facility? Yes No N/A  b) submitted to:  - police department? Yes No N/A  - fire department? Yes No N/A  - hospital? Yes No N/A  - emergency response teams? Yes No N/A				
(725.154)	Has the contingency plan been reviewed and revised whenever:  a) regulations are revised? Yes No N/A  b) the plan fails in an emergency? Yes No N/A  c) the facility changes in a way that modifies the emergency response necessary?  Yes No N/A  d) information regarding emergency coordinators changes?  Yes No N/A  e) information regarding equipment changes?  Yes No N/A				
(725.155)	Is the emergency coordinator on-site or on call at all times?  Yes No N/A  Is the emergency coordinator familiar with all facility activities, wastes, records, layout and contingency plan Yes No N/A  Does the emergency coordinator have the authority to commit the resources needed to carry out the actions specified in the contingency plan?  Yes No N/A	" Kroze			
(725.156)	If the facility has had a release, fire or explosion, have the procedures of this Section been followed regardin assessment, response and reporting?	g			
	Yes No N/A  Note: If the facility has had a release, explain in detail.				

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(725.116(a))	Section 725.116 Personnel Training	
·	Does the facility have a training program?	
	Yes V No N/A	
	Have facility personnel successfully completed a program of classroom or on-the-job training that teaches them	
	to perform their duties in a way that ensures the facility's compliance with the requirements of Part 725?	
	Yes/NoN/A	
	Is the program directed by a person trained in hazardous waste management procedures?	
	Yes No N/A	
	Does the program teach facility personnel hazardous waste management procedures (including contingency	
	plan implementation) relevant to the positions in which they are employed?	
	Yes No N/A	
	Does the program cover, at a minimum:	
	- procedures to familiarize facility personnel with emergency procedures, emergency equipment and	
	emergency systems?	
	Yes No N/A	
	- procedures for using, inspecting, repairing and replacing facility emergency and monitoring	
	equipment?	
	Yes No N/A	
	- key parameters for automatic waste feed cut-off systems?	
	Yes No N/A	
	- communications or alarm systems?	
	Yes V No N/A	
	- response to fire or explosions?	
	Yes No N/A - response to groundwater contamination incidents?	
	Yes No N/A N/A shutdown of operations?	
	Yes V No N/A	
	105	
(725.116(b))	Have new employees completed the program within 6 months of the date of employment or assignment to a	
	position requiring them to manage hazardous waste?	
	Yes No N/A	
(725.116(c))	Have facility personnel received an annual review of the initial training?	
	Yes No N/A	
(20 5 41 6 ( N)		
(725.116(d))	Are the following documents and records being maintained at the facility:	
	1) the job title for each position related to hazardous waste management and the name(s) of the	
	employee(s) filling each job?  YesNoN/A	
	2) a written job description for each position above, including the requisite skill, education or other qualifications and duties of personnel assigned to each position?	
	Yes No N/A	
	3) a written description of the type and amount of both initial and continuing training that will be given	
	to each person filling a position dealing with hazardous waste management?	
	Yes No N/A	$\mathbf{k}$
	4) records decumenting that the training or ich experience has been given to and completed by facility	(, N ./
	personnel?	1/4 1/2
	Yes V No N/A	~ \" /
		2 jarrens
(725.116(e))	Is the facility maintaining training records until closure of the facility and those of former employees for at	~ N. N
	least 3 years from the last date of employment?	Ø' . J.'
	Yes No N/A	$\Gamma \sim A \Gamma$

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Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)	Violation
(728.107(a)(5))	Section 728.107 Waste Analysis and Recordkeeping  Has the generator who treats a prohibited waste in tanks or containers in order to meet the treatment standards developed and followed a waste analysis plan?	·
	Yes No N/A	
	Is the plan on-site?	·
	Yes No N/A  Does the plan include a detailed physical and chemical analysis?	
	Has the plan been filed with the Agency at least 30 days prior to commencement of treatment activity.	
	Yes No N/A/ Has the generator submitted the required notification and certification that the waste meets treatment standards when the waste is shipped off-site?	
	Yes No/ N/A	Note: Company of the
722.134(c)	Section 722.134 Satellite Accumulation  Is the generator who accumulates hazardous waste at or near any point of generation where wastes initially accumulate and which is under the control of the operator of the process generating the waste, limiting such accumulation to 55 gallons of hazardous waste or 1 quart of acutely hazardous waste, complying with Sections 725.271, 725.272 and 725.273(a), and marking the containers with the words "Hazardous Waste" or other words identifying the contents?  Yes No N/A  Has the generator who accumulates more than 55 gallons of hazardous waste or 1 quart of acutely hazardous waste complied with the requirements of Section 722.134(a) within 3 working days?  Yes No N/A	
	If there are more than 55 gallons of hazardous waste or 1 quart of acutely hazardous waste in the satellite accumulation area, are the containers marked with the date accumulation began?  Yes No N/A_  During the 3 day period, is the generator continuing to comply with the requirements of Section 722.134(c)(1)	·
·	with respect to the excess waste?  Yes No N/A	
722.134(g)	Note: A generator that generates 1,000 kilograms or greater of hazardous waste per calendar month which also generates wastewater treatment sludges from electroplating operations that meet the listing description for the hazardous waste code F006 may have alternate accumulation requirements if the conditions of 722.134(g), (h), or (i) are fulfilled.	
	SUBPART D: RECORDKEEPING AND REPORTING	
722.140(a)	Section 722.140 Recordkeeping  Has the generator retained for a period of 3 years:  - a copy of each signed manifest?	
	Yes No N/A	722.140(a)
722.140(b)	Has the generator retained a copy of each Annual Report and Exception Report for a period of at least three years from the due date of the report (March 1)?	·
	Yes No N/A	722.140(b)
722.140(e)	Has the generator retained for a period of 3 years: - copies of test results, waste analyses or other determinations made in accordance with Section 722.111?	
•	Yes No N/A	722.140(c)
722.140(d)	Does a generator who is involved in any unresolved enforcement action or as requested by the Director continue to maintain the records required in subsections a) and c)?	
	Yes No N/A	722.140(d)
722.141(a)	Section 722.141 Annual Reporting  Has the generator who ships hazardous waste off-site for treatment, storage or disposal filed an annual report with the Agency by March 1 for the preceding calendar year?	
	Yes No N/A	722.141(a)
	Note: If "No", or if deficiencies are noted with the annual report reviewed, contact the Planning and Reporting Section.	

Regulation	RCRA GENERATOR INSPECTION CHECKLIST (PART 722)					
722.141(b)	Has the generator who treats, stores or disposes of hazardous waste on-site, filed an annual report with the Agency by March I for the preceding calendar year?  Yes  No  N/A					
722.142(a)(1)	Section 722.142 Exception Reporting If the generator has not received a copy of the manifest from the TSD facility within 35 days of the date of delivery to the transporter, has the generator contacted the transporter or the TSD facility to determine the status of the hazardous waste?	722.141(b)				
722,142(a)(2)	Yes No N/A  If the generator has not received a copy of the signed manifest within 45 days of the date of delivery to the transporter, has he filed an exception report with the Agency in accordance with the requirements of this Section?  Yes No N/A	722.142(a)(1)				
722.143	Section 722.143 Additional Reporting  Has the generator furnished additional reports as required by the Director?  Yes No N/A	722.142(a)(2) 722.143				
722.150	Is the generator an exporter of hazardous waste?  Yes No N/A  If "Yes", has the generator complied with the requirements of Subpart E?  Yes No N/A  Yes No N/A	722.150				
722.160	Is the generator an importer of hazardous waste?  If "Yes", has the generator complied with the requirements of Subpart F?  Yes No N/A	722.160				
722.170	Is the generator a farmer?  Yes No N/A  If "Yes", has the generator complied with the requirements of Subpart G?  Yes No N/A	722.170				
	COMMENTS:					

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## EMCO Chemical Distributors, Inc. CEI 7/23/2015

Production Area	Description	Area Requested From	Date Received	EPA Document Number	CBI Claimed	Pages Obtained
General	Copies of IEPA Hazardous Waste Reports; 2012, 2013 and 2014	Records	10/29/2015	JP-EM-01-15	No	60
General	Copy of Hazardous Waste Training Binder	Records	10/29/2015	JP-EM-02-15	No	147
General	Copy of Training Records	Records	10/29/2015	JP-EM-03-15	No	3
General	Hazardous Waste Management Job Descriptions	Records	10/29/2015	JP-EM-04-15	No	4
General	Copy of North Chicago Contingency Plan	Records	10/29/2015	JP-EM-05-15	No	74
General	Copy of EMCO letter to North Chicago Fire Department	Records	10/29/2015	JP-EM-06-15	No	2